

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions and listings of claims in the application.

LISTING OF CLAIMS:

1 to 15. (Canceled)

16. (Currently Amended) A method, performed by a central station, of allocating satellite network resources in a satellite communication system comprising remote stations coupled to the central station by a satellite network, wherein different remote stations are located in different geographic areas ~~domains~~, the method comprising:

establishing a ~~list of~~ information about available satellite network resources for one or more of the geographic areas ~~domains~~;

publishing the ~~list of~~ information for access by remote stations in the one or more geographic areas ~~domains~~;

receiving, from a remote station, a notification indicating that at least some of the satellite network resources have been seized by the remote station;

updating the ~~list of~~ information about available satellite network resources to reflect seizing by the remote station; and

communicating the updated ~~list~~ information only to remote stations in the one or more geographic areas ~~locations~~;

wherein the information comprises at least one of static and dynamic information; and
wherein an updated version of the static information is published less frequently than an updated
version of the dynamic information.

17 to 23. (Canceled)

24. (Currently Amended) The method of claim 16, wherein the information about available satellite network resources comprises identification of outbound and inbound channels, availability of channel capacity, and energy density of channels in the geographic areas ~~resource~~ ~~domain~~.

25. (Currently Amended) The method of claim 16, wherein a size of at least one of the geographic ~~domains~~ areas changes; and

wherein communicating comprises communicating an amended ~~list of~~ information about available network resources that reflects a change in the size of the at least one of the geographic areas ~~domains~~.

26. (Currently Amended) The method of claim 16, wherein the ~~list of~~ information is published using one of code division multiple access (CDMA) and time division multiple access (TDMA) modulation.

27. (Currently Amended) The method of claim 16, wherein the satellite communication system comprises:

remote stations coupled to central stations via one or more satellites; and

wherein the remote station is configured to switch between operation with the central station and any other ~~said~~ central station for which the remote station can receive incoming communications.

28. (Canceled)

29. (Previously Presented) The method of claim 16, wherein the static information comprises, in regard to inbound and outbound channels that are allocated for use in a resource domain, at least one of frequency, timeslot, code sequence, turbo-coding rate, modulation type, and Grade of Service.

30. (Previously Presented) The method of claim 16, wherein the dynamic information comprises information regarding a current status of a channel including at least one of channel free, channel busy, and channel unavailable.

31 to 44. (Canceled)

45. (Currently Amended) A central station configured to allocate satellite network resources in a satellite communication system comprising remote stations coupled to the central

station by a satellite network, wherein different remote stations are located in different geographic areas ~~domains~~, the central station comprising circuitry to:

establish ~~a list of~~ information about available satellite network resources for one or more of the geographic areas ~~domains~~;

publish the ~~list of~~ information for access by remote stations in the one or more geographic areas ~~domains~~;

receive, from a remote station, a notification indicating that at least some of the satellite network resources have been seized by the remote station;

update the ~~list of~~ information about available satellite network resources to reflect seizing by the remote station; and

communicate the updated ~~list~~ information only to remote stations in the one or more geographic areas ~~locations~~;

wherein the information comprises at least one of static and dynamic information; and
wherein an updated version of the static information is published less frequently than an updated version of the dynamic information

46. (Previously Presented) The central station of claim 45, wherein the information about available satellite network resources comprises identification of outbound and inbound channels, availability of channel capacity, and energy density of channels in the resource domain.

47. (Currently Amended) The central station of claim 45, wherein a size of at least one of the geographic areas ~~domains~~ changes; and

wherein communicating comprises communicating ~~an~~ amended ~~list of~~ information about available network resources that reflects a change in the size of the at least one of the geographic areas ~~domains~~.

48. (Currently Amended) The central station of claim 45, wherein the ~~list of~~ information is published using one of code division multiple access (CDMA) and time division multiple access (TDMA) modulation.

49. (Currently Amended) The central station of claim 45, wherein the satellite communication system comprises:

remote stations coupled to central stations via one or more satellites; and

wherein the remote station is configured to switch between operation with the central station and any other ~~said~~ central station for which the remote station can receive incoming communications.

50. (Canceled)

51. (Previously Presented) The central station of claim 45, wherein the static information comprises, in regard to inbound and outbound channels that are allocated for use in a

resource domain, at least one of frequency, timeslot, code sequence, turbo-coding rate, modulation type, and Grade of Service.

52. (Previously Presented) The central station of claim 45, wherein the dynamic information comprises information regarding a current status of a channel including at least one of channel free, channel busy, and channel unavailable.